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FAX COVER SHEET

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RE:

OFFICIAL PAPER

TO:

Examiner Edith M. Chang

U.S. Patent and Trademark Office

GAU:

2637

PHONE: FAX:

571-272-3041 703-872-9306

FROM:

Eugene J. Rosenthal

Reg. No. 36,658

Lucent Technologies Inc.

PHONE:

(732) 949-1857

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(732) 949-0102

DATE:

April 18, 2005

Pages (incl. Cover):

23

Re:

Amendment Response

Case No .:

Huang 17-8-15-15

Ser. No.:

09/938453

File Date:

August 24, 2001

Title:

Signal Detection By A Receiver in A Multiple Antenna Time-

Dispersive System

Certification of Facsimile Transmission

I hereby certify that this correspondence (and any paper referred to as being transmitted therewith) is being facsimile transmitted to the Commissioner for Patents, P.O. Box 1480, Alexandria, XA 22313 on the date indicated below:

April 18, 2005

Date

SHARON LOBOSCO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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PATENT APPLICATION

Howard C. Huang Laurence Eugene Mailaender Magnus Sandell Harish Viswanathan

CASE

17-8-15-15

09/938453 Serial No.

Group Art Unit 2637

Filed

August 24, 2001

Examiner

E. M. Chang

Title

Signal Detection By A Receiver In A Multiple Antenna Time-Dispersive System

COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

SIR:

Enclosed is an amendment in the above-identified application.

NO ADDITIONAL FEE REQUIRED

In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit Deposit Account No. 12-2325 as required to correct the error.

Respectfully.

Eugene J. Rosenthal, Attorney

Reg. No. 36658 732-949-1857

Date:

Docket Administrator (Room 3J-219)

Lucent Technologies Inc. 101 Crawfords Corner Road Holmdel, NJ 07733-3030

Certification of Focsimile Transmission

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Page 1 of 1

Serial No. 09/938,453

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2637

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Inventor(s): H. C. Huang

L. E. Mailaender

M. Sandell

H. Viswanatha

Case:

17-8-15-15

Serial No.:

09/938,453

Filed:

August 24, 2001

Examiner:

E. M. Chang

Title:

Signal Detection By A Receiver In A Multiple Antenna Time-Dispersive

Group Art Unit:

System

COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450 SIR:

<u>AMENDMENT</u>

In response to the Office Action dated December 17, 2004, please amend the above-identified application as follows: